

**CATAPULT ROTARY LAUNCH VALVE ASSEMBLY MODEL, DEVICE 2H119****TRAINING CATEGORY:**

AVIATION (Aircraft Catapult Equipment)

ORIGINATING AGENCY:

DCNO/AIR

SECURITY CLASSIFICATION:

Device 2H119 is unclassified.

PURPOSE:

The model of the rotary launch valve and components is to provide a visual understanding of the valves and cylinders.

INTENDED USE:

In Aviation Boatswain's Mate Equipment School for classroom training of enlisted personnel with varying degrees of proficiency in operation and maintenance of a C-13 catapult rotary launch valve assembly.

FUNCTIONAL DESCRIPTION:

Device 2H119 is a 1/3 scale model of the C-13 Catapult Rotary Launch Valve to provide a functional representation of the valve. A vertical board mounted behind the model displays a color coded diagram of the rotary valve assembly and its related controls. The model and board is mounted on a structural frame with rubber tired casters. The model is a cutaway so that the internal components can be viewed. The cutaway area is covered with clear acrylic plastic for protection of the model and safety of personnel.

PHYSICAL INFORMATION:

| | |
|--------------------------|-----------------------------------|
| Number of Pieces: | One (1) stand assembly |
| Size: | 78" High x 34" Deep x 72" Long |
| Weight: | 518 lbs. |

DIRECTORY OF NAVAL TRAINING DEVICES

PUBLICATIONS FURNISHED:

Operations and Maintenance Guide, Catapult Rotary Launch Valve Assembly Model, Device 2H119, NAVTRASYS-CEN, P-5353-3 (U).

PERSONNEL:

Instructor: One (1), Chief or 1st Class PO graduate of Aviation Boatswain's Mate Equipment School with actual experience onboard an aircraft carrier.

Operator: Instructor-Operated.

Trainees: Class of up to 50

Maintenance: One (1) hour per 100 hour utilization. (Approximately every 2 months of use)

CONTRACT IDENTIFICATION:

Manufactured by United Scale Models Southwest, Inc., Houston, TX under NAVTRASYS-CEN, Orlando, FL Contract No. N61339-86-C-0136.

LOCAL STOCK NUMBER:

6910-LL-C00-6832